

disability and rehabilitation

An international, multidisciplinary journal

Contents of Volume 26 and Author Index, 2004



*Official journal of the International Society
of Physical and Rehabilitation Medicine*

ISSN 0963-8288

 **Taylor & Francis**
healthsciences

REVIEW

Theoretical aspects of goal-setting and motivation in rehabilitation

1

R. J. Siegert and W. J. Taylor

ASSISTIVE TECHNOLOGY

Neck discomfort of wheelchair users: effect of neck position

9

R. L. Kirby, C. L. Fahie, C. Smith, E. L. Chester and D. A. MacLeod

RESEARCH PAPERS

Service providers' perception of affective influences on decision-making about treatments for chronic pain

16

C. A. Brown

The influence of seat adjustment and a thoraco-lumbar-sacral orthosis on the distribution of body-seat pressure in children with scoliosis and pelvic obliquity

21

Y. Shoham, S. Meyer, M. Katz-Leurer and P. L. (Tamar) Weiss

A long time getting home: Vietnam Veterans' experience in a community exercise rehabilitation programme

27

L. Otter and J. Currie

Chronic physical health conditions and disability among Canadian school-aged children: a national profile

35

J. McDougall, G. King, D. J. de Wit, L. T. Miller, S. Hong, D. R. Offord, J. LaPorta and K. Meyer

Recovery from fibromyalgia – previous patients' own experiences

46

A. M. Mengshoel and K. Heggen

REHABILITATION IN PRACTICE

School bag carriage and pain in school children

54

T. Puckree, S. P. Silal and J. Lin

Evaluation of prosthetic usage in upper limb amputees

60

I. Dudkiewicz, R. Gabrielov, I. Seiv-Ner, G. Zelig and M. Heim

NUMBER 2 21 JANUARY 2004

RESEARCH PAPERS

The effects of cognitive abilities on driving in people with Parkinson's disease

65

K. A. Radford, N. B. Lincoln and G. Lennox

Prevalence of post-stroke depression in an Irish sample and its relationship with disability and outcome following inpatient rehabilitation

71

E. M. Cassidy, R. O'Conner and V. O'Keane

Impairments, disabilities and health related quality of life after treatment for breast cancer: a follow-up study 2.7 years after surgery

78

J. S. Reitman, P. U. Dijkstra, R. Debreczeni, J. H. B. Geertzen, D. P. H. Robinson and J. de Vries

Rehabilitation following hip fracture surgery: a comparative study of females and males

85

D. Lieberman and D. Lieberman

Long-term outcome of equestrian injuries in children

91

R. Dekker, C. K. van der Sluis, J. Kootstra, J. W. Groothoff, W. H. Eisma and H. J. ten Duis

Impact of middle ear effusion on balance performance in children

97

B. Engel-Yeger, A. Golz and S. Parush

The reliability and validity of the Xhosa version of the EQ-5D <i>J. Jelsma, S. Mkoka, L. Amosun and J. Nieuwveldt</i>	103
Reliability, validity and factor structure of the upper limb subscale of the Motor Assessment Scale (UL-MAS) in adults following stroke <i>N. A. Lamin</i>	109
Effects of biofeedback treatment on gait in children with cerebral palsy <i>E. Dursun, N. Dursun and D. Alican</i>	116
REHABILITATION IN PRACTICE	
Barriers to accessing safe motherhood and reproductive health services: the situation of women with disabilities in Lusaka, Zambia <i>E. Smith, S. F. Murray, A. K. Yousafzai and L. Kasonka</i>	121
 NUMBER 3 4 FEBRUARY 2004	
RESEARCH PAPERS	
Investigation of health perspectives of those with physical disabilities: the role of spirituality as a determinant of health <i>K. Faull, M. D. Hills, G. Cochrane, J. Gray, M. Hunt, C. McKenzie and L. Winter</i>	129
Vocational rehabilitation acceptance in the USA: Controlling for education, type of major disability, severity of disability and socioeconomic status <i>K. B. Wilson</i>	145
The effect of cane length on the haptic perception of height <i>B. Sidaway, A. Champagne, K. Daigle, N. Marcous, A. Nadeau and E. Pelletier</i>	157
Reliability and stability of the Roland Morris Disability Questionnaire: intra class correlation and limits of agreement <i>S. Brouwer, W. Kuijer, P. U. Dijkstra, L. N. H. Göeken, J. W. Groothoff and J. H. B. Geertzen</i>	162
The importance of cultural factors in the planning of rehabilitation services in a remote area of Papua New Guinea <i>J. Byford and N. Veenstra</i>	166
Functional independence of residents in urban and rural long-term care facilities in Taiwan <i>K.-H. Lin, S.-C. Wu, C.-L. Hsiung, M.-H. Hu, C.-L. Hsieh, J.-H. Lin and M.-Y. Kuo</i>	176
CLINICAL COMMENTARY	
The World Health Organisation's terminology and classification: application to severe disability <i>J. Bornman</i>	182
AUTHOR CORRECTION	189
ERRATUM	190
 NUMBER 4 18 FEBRUARY 2004	
RESEARCH PAPERS	
Prognostic social factors in the subacute phase after a stroke for the discharge destination from the hospital stroke-unit. A systematic review of the literature <i>Ronald Meijer, Jacques van Limbeek, Bert Kriek, Daniela Ihnenfeldt, Marinus Vermeulen and Rob de Haan</i>	191

A comparison study of quality of life in women with fibromyalgia and myofascial pain syndrome <i>Emine Handan Tüzün, Gülnur Albayrak, Levent Eker, Seyhan Sözüy and Arzu Daşkan</i>	198
Dimensions of quality of life for Chinese adults with spinal cord injury: A qualitative study <i>Nan Zhang Hampton and Desirée Baolian Qin-Hilliard</i>	203
Women on sickness absence—views of possibilities and obstacles for returning to work. A focus group study <i>Kristina Holmgren and Synneve Dahlin Ivanoff</i>	213
Experiences of adolescents with Cystic Fibrosis during their transition from paediatric to adult health care: a qualitative study of young Australian adults <i>Kate Brumfield and Gwenda Lansbury</i>	223
REHABILITATION IN PRACTICE	
The international classification of functioning, disability and health and its application to cognitive disorders <i>Sajay Arthanat, Susan M. Nochajski and John Stone</i>	235
A picture of amputees and the prosthetic situation in Haiti <i>J. Bigelow, M. Korth, J. Jacobs, N. Anger, M. Riddle and J. Gifford</i>	246
 NUMBER 5 4 MARCH 2004	
RESEARCH PAPERS	
Long term outcomes after moderate to severe traumatic brain injury <i>A. Colantonio, G. Ratchiff, S. Chase, S. Kelsey, M. Escobar and L. Vernich</i>	253
Activity limitations in personal, domestic and vocational tasks: a study of adults with inborn and early acquired mobility disorders <i>E. Andrén and G. Grimby</i>	262
Measuring disability with parsimony: evidence for the utility of a single item <i>M. S. Clark, M. J. Bond, K. N. Prior and A. C. Cotton</i>	272
A pilot study of functional access to public buildings and facilities for persons with impairments <i>N. Thapar, G. Warner, M.-L. Drainoni, S. R. Williams, H. Ditchfield, J. Wierbicky and S. Nesathurai</i>	280
Success in the workplace following traumatic brain injury: are we evaluating what is most important? <i>W. Levack, K. McPherson and H. McNaughton</i>	290
How can a work rehabilitation process be improved?—a qualitative study from the perspective of social insurance officers <i>G. Gard and S. Söderberg</i>	299
 REHABILITATION IN PRACTICE	
Paediatric traumatic brain injury in South Africa: some thoughts and considerations <i>K. Levin</i>	306
 NUMBER 6 18 MARCH 2004	
REVIEW PAPERS	
Complementary and alternative medical approaches to treating adult neurogenic communication disorders: a review <i>Jacqueline S. Laures and Rebecca J. Shisler</i>	315
Viable methods for evaluation of community-based rehabilitation programmes <i>Manoj Sharma</i>	326

RESEARCH PAPERS

- Non-surgical management of ankle contracture following acquired brain injury** 335
B. J. Singer, J. W. Dunne, K. P. Singer, G. M. Jegasothy and G. T. Allison
- Measuring social participation: reliability of the LIFE-H in older adults with disabilities** 346
Luc Noreau, Johanne Desrosiers, Line Robichaud, Patrick Fougereyrolas, Annie Rochette and Chantal Viscogliosi
- Inter-rater reliability in assigning ICF codes to children with disabilities** 353
Julie A. Ogonowski, Rebecca A. Kronk, Carryn N. Rice and Heidi M. Feldman
- Function and disability in late life: comparison of the Late-Life Function and Disability Instrument to the Short-Form-36 and the London Handicap Scale** 362
Nicole Dubuc, Stephen M. Haley, Pengsheng Ni, Jill T. Kooyoomjian and Alan M. Jette
- The health-related quality of life of people living with HIV/AIDS** 371
Janeen Hughes, Jennifer Jelsma, Emilou Maclean, Marta Darder and Xolani Tinise

NUMBER 7 8 APRIL 2004

RESEARCH PAPERS

- Trends in disability-free life expectancy** 377
R. J. M. Perenboom, L. M. Van Herten, H. C. Boshuizen and G. A. M. Van Den Bos
- The value of the Rehabilitation Activities Profile (RAP) as a quality sub-system in rehabilitation medicine** 387
Heleen Beckerman, Eline E. Roelofsen, Dirk L. Knol and Gustaaf J. Lankhorst
- Long-term evaluation of a health education programme for elderly persons with visual impairment. A randomized study** 401
K. Eklund, U. Sonn and S. Dahlin-Ivanoff
- Evaluation of a 5-level Functional Independence Measure in a longitudinal study of elderly stroke survivors** 410
Gunilla Gosman-Hedström and Christian Blomstrand
- Clients' experiences of a work rehabilitation process** 419
Siv Söderberg, Eija Jumisko and Gunvor Gard
- Rehabilitation outcome of elderly patients with hip fracture and cognitive impairment** 425
Yves Rolland, Fabien Pillard, Valérie Lauwers-Cances, Florence Busquère, Bruno Vellas and Christine Lafont

CLINICAL COMMENTARY

- Electrical stimulation of denervated muscles** 432
Aysegul Cakmak

BOOK REVIEWS

- Impact of Technology on Successful Aging** 434
A. M. O. Bakheit
- Neurosurgical Re-Engineering of the Damaged Brain and Spinal Cord** 435
A. M. O. Bakheit

ANNOUNCEMENT

- 5th World Stroke Congress** 436

RESEARCH PAPERS

- Work performance and pain intensity during exercise. A before-and-after study of a cognitive-behavioural treatment in primary care of young immigrant patients 439
Monica B. Löfvander, Alf W. Engström and Shiva Nafezi

- Age responses to multicomponent training programme in older adults 448
Füsün Toraman and Gülşah Şahin

- Religious views of the 'medical' rehabilitation model: a pilot qualitative study 455
Gavin Yamey and Richard Greenwood

- Behavioural cues of personality in Parkinson's disease 463
Kathleen Doyle Lyons, Linda Tickle-Degnen, Alexis Henry and Ellen S. Cohn

- Recovery from unilateral neglect after right-hemisphere stroke 471
P. Appelros, I. Nydevik, G. M. Karlsson, A. Thorwalls and A. Seiger

- Developing methods to evaluate how people with Parkinson's Disease turn 180°: an activity frequently associated with falls 478
E. Stack, K. Jupp and A. Ashburn

- Leisure-time physical activity and secondary conditions in women with physical disabilities 485
Mayra C. Santiago and Catherine P. Coyle

CASE STUDY

- Strength and endurance training of an individual with left upper and lower limb amputations 495
J. E. Donachy, K. D. Brannon, L. S. Hughes, J. Seahorn, T. T. Crutcher and E. L. Christian

BOOK REVIEW

- Neurological Rehabilitation of Parkinson's disease 500
A. M. O. Bakheit

ASSISTIVE TECHNOLOGY

- Microswitch clusters to support responding and appropriate posture of students with multiple disabilities: three case evaluations 501
G. E. Lancioni, N. N. Singh, M. F. O'Reilly, D. Oliva, L. Scalini, C. M. Vigo and J. Groeneweg

RESEARCH PAPERS

- Levels of ability and functioning: using the WHODAS II in an Irish context 506
P. Gallagher and F. Mulvany

- A comparison of consumer-directed and agency-directed personal assistance services programmes 518
K. J. Hagglund, M. J. Clark, J. E. Farmer and A. K. Sherman

- Dependence in daily activities and life satisfaction in adult subjects with cerebral palsy or spina bifida: A follow-up study 528
E. Andrén and G. Grimby

- The efficiency of electromagnetic field treatment in Complex Regional Pain Syndrome Type I 537
A. Durmus, A. Cakmak, R. Disci and L. Muslumanoglu

CLINICAL COMMENTARY

- People with disabilities before the days of modern rehabilitation medicine: Did they pave the way? 546
A. Ohry

CASE STUDY

- Reintegrating space and object representations in patients with hemispatial neglect: two case studies** 549
M. Pachalska, B. Franczuk, B. D. MacQueen and J. Talar

BOOK REVIEW

- Movie Stars and Sensuous Scars** 562
A. M. O. Bakheit

NUMBER 10 20 MAY 2004

ASSISTIVE TECHNOLOGY

- Survey of the use of transport by recipients of a regional Electric Indoor/Outdoor Powered (EPIOC) wheelchair service** 563
M. J. H. Belcher and A. O. Frank

RESEARCH PAPERS

- Performance of activities of daily living in multiple sclerosis** 576
E. Månsson and J. Lexell
- Using a novel exercise programme for patients with muscular dystrophy. Part I: a qualitative study** 586
S. Wenneberg, L.-G. Gunnarsson and G. Ahlström
- Using a novel exercise programme for patients with muscular dystrophy. Part II: a quantitative study** 595
S. Wenneberg, L.-G. Gunnarsson and G. Ahlström
- The influence of object size on discrete bimanual co-ordination in children with hemiplegic cerebral palsy** 603
A. Utley, B. Steenbergen and D. A. Sugden
- The Loss Inventory: preliminary reliability and validity data for a new measure of emotional and cognitive responses to disability** 614
J. P. Niemeier, R. E. Kennedy, W. O. McKinley and D. X. Cifu

ERRATUM 624

NUMBER 11 3 JUNE 2004

REVIEW

- Disability prevention and communication among workers, physicians, employers, and insurers—current models and opportunities for improvement** 625
G. S. Pransky, W. S. Shaw, R.-L. Franche and A. Clarke

RESEARCH PAPERS

- Monitoring the functional health status of stroke patients: the value of the Stroke-Adapted Sickness Impact Profile-30** 635
I. G. L. Van de Port, M. Ketelaar, V. P. M. Schepers, G. A. M. Van den Bos and E. Lindeman
- Evaluation of patients with severe pulmonary disease before and after pulmonary rehabilitation** 641
R. T. Goldberg, R. Hillberg, L. Reinecker and R. Goldstein
- The relationship between catastrophizing and disability in amputees experiencing phantom pain** 649
A. Whyte and L. J. Carroll
- Development and validation of an Arabic rheumatoid hand disability scale** 655
M. Guerrazi, W. Kessomtini, S. Poiradeau, M. Elleuch, J. Fermarian, M. H. Elleuch and M. Revel

Activities and impairments in the early stage of rehabilitation after Colles' fracture <i>M. K. Dekkers and K. Soballe</i>	662
Does microcurrent stimulation increase the range of movement of ankle dorsiflexion in children with cerebral palsy? <i>H. Mäenpää, R. Jaakkola, M. Sandstrom and L. Von Wendt</i>	669
CLINICAL COMMENTARY What is a waddling gait? <i>M. B. Van Iersel and G. P. Mulley</i>	678
REHABILITATION IN PRACTICE Learning to eat after radiation therapy for throat cancer <i>C. J. Laenger and E. J. Laenger</i>	683
BOOK REVIEW Connecting to Learn—Educational and Assistive Technology for People with Disabilities <i>D. Thornberry</i>	686
NUMBER 12 17 JUNE 2004	
SPECIAL ISSUE Young Scientist Award 2nd ISPRM World Congress (Prague, 2003) <i>Edited by Nachum Soroker and Haim Ring</i>	
EDITORIAL Retrospective analysis of trends in current P&RM research as reflected in the 2nd ISPRM World Congress (Prague, 2003) <i>N. Soroker and H. Ring</i>	687
The effect of prosthetic mass properties on the gait of transtibial amputees—a mathematical model <i>R. W. Selles, J. B. J. Bussmann, A. J. Van Soest and H. J. Stam</i>	694
A comparison of the grip force distribution in natural hands and in prosthetic hands <i>A. Kargov, C. Pylatiuk, J. Martin, S. Schulz and L. Döderlein</i>	705
Neuromuscular efficiency of the sternocleidomastoid and anterior scalene muscles in patients with chronic neck pain <i>D. Falla, G. Jull, S. Edwards, K. Koh and A. Rainholdt</i>	712
Fall risk assessment in very old males and females living in nursing homes <i>T. Sieri and G. Beretta</i>	718
Effect of the walking speed to the lower limb joint angular displacements, joint moments and ground reaction forces during walking in water <i>T. Miyoshi, T. Shirota, S.-I. Yamamoto, K. Nakazawa and M. Akai</i>	724
Pharynx and oesophagus evaluation during the swallow using helical computerized tomography <i>I. Takehara and J. Chu</i>	733
Relationship between cognitive function and regional cerebral blood flow in different types of dementia <i>A. Osawa, S. Maeshima, Y. Shimamoto, E. Maeshima, E. Sekiguchi, K. Kakishita, F. Ozaki and H. Moriwaki</i>	739
Role of disengagement failure and attentional gradient in unilateral spatial neglect—a longitudinal study <i>Y. Sacher, C. Serfaty, L. Deouell, A. Sapir, A. Henik and N. Soroker</i>	746

Does spasticity result from hyperactive stretch reflexes? Preliminary findings from a stretch reflex characterization study	756
<i>J. de J. Salazar-Torres, A. D. Pandyan, C. I. M. Price, R. I. Davidson, M. P. Barnes and G. R. Johnson</i>	

EDITORIAL BOARD (AD-HOC)	761
---------------------------------	-----

NUMBER 13 8 JULY 2004

RESEARCH PAPERS

Investigation of factors related to employment outcome following traumatic brain injury: a critical review and conceptual model	765
<i>T. Ownsworth and K. McKenna</i>	

Activity limitation, coping efficacy and self-perceived physical independence in people with disability	785
<i>P. P. Wang, E. M. Badley and M. Gignac</i>	

Prevalence of low back pain after transfemoral amputation related to physical activity and other prosthesis-related parameters	794
<i>H. J. Stam, A.-M. V. Dommisse and H.(J.) B. J. Bussmann</i>	

Psychological effects of occupational exposure to organic solvent mixtures on printers	798
<i>I. Böckelmann, E. A. Pfister, B. Peters and S. Duchstein</i>	

The meaning and experience of being a stroke survivor: an interpretative phenomenological analysis	808
<i>C. D. Murray and B. Harrison</i>	

REHABILITATION IN PRACTICE

The implementation and evaluation of a community rehabilitation team: a case study	817
<i>B. Ryan-Woolley, K. Wilson and A. Caress</i>	

NUMBERS 14/15 22 JULY/5 AUGUST 2004

SPECIAL ISSUE

Psychosocial Perspectives on Amputation and Prosthetics
<i>Edited by Pamela Gallagher</i>

EDITORIAL

Introduction to the Special Issue on Psychosocial Perspectives on Amputation and Prosthetics	827
<i>P. Gallagher</i>	

Amputation rehabilitation and prosthetic restoration. From surgery to community reintegration	831
<i>A. Esquenazi</i>	

Psychosocial adjustment to lower-limb amputation: A review	837
<i>O. Horgan and M. MacLachlan</i>	

Coping after trans-femoral amputation due to trauma or tumour—a phenomenological approach	851
<i>C. Sjö Dahl, G. Gard and G.-B. Jarnlo</i>	

A two-year longitudinal study of social support following amputation	862
<i>R. M. Williams, D. M. Ehde, D. G. Smith, J. M. Czerniecki, A. J. Hoffman and L. R. Robinson</i>	

A prospective study examining balance confidence among individuals with lower limb amputation	875
<i>W. C. Miller and A. B. Deathe</i>	

Psychosocial predictors of long-term adjustment to lower-limb amputation and phantom limb pain <i>M. A. Hanley, M. P. Jensen, D. M. Ehde, A. J. Hoffman, D. R. Patterson and L. R. Robinson</i>	882
The illusive phantom: Does primary care meet patient need following limb loss? <i>A. Whyte and C. A. Niven</i>	894
Mirror treatment of lower limb phantom pain: A case study <i>M. MacLachlan, D. McDonald and J. Waloch</i>	901
Phantom pain: A sensitivity analysis <i>S. Borsje, J. C. Bosmans, C. P. Van der Schans, J. H. B. Geertzen and P. U. Dijkstra</i>	905
Comparison of clinical test and questionnaires for the evaluation of upper limb prosthetic use in children <i>H. Burger, D. Brezovar and Č. Marinček</i>	911
A comparison of upper limb amputees and patients with upper limb injuries using the Disability of the Arm, Shoulder and Hand (DASH) <i>J. Davidson</i>	917
Using the theory of planned behaviour to develop an assessment of attitudes and beliefs towards prosthetic use in amputees <i>B. G. Callaghan, M. Johnston and M. E. Condie</i>	924
Psychological factors after traumatic amputation in landmine survivors: The bridge between physical healing and full recovery <i>A. D. Ferguson, B. S. Richie and M. J. Gomez</i>	931
Sexuality in persons with limb amputation: A meaningful discussion of re-integration <i>M. Ide</i>	939
Diversity in adjustment to a leg amputation: Case illustrations of common themes <i>B. Rybaczuk, R. Edwards and J. Behel</i>	944

NUMBER 16 19 AUGUST 2004

RESEARCH PAPERS

Assessment of pain and disability in patients with chronic neck pain: reliability and construct validity of the Turkish version of the neck pain and disability scale <i>A. Bicer, A. Yazici, H. Camdeviren and C. Erdogan</i>	959
An interpretative phenomenological analysis of the embodiment of artificial limbs <i>C. D. Murray</i>	963
What environmental factors irritate people with acquired brain injury? <i>J. Pryor</i>	974
Evaluation of paraffin bath treatment in patients with systemic sclerosis <i>G. Sandqvist, A. Åkesson and M. Eklund</i>	981
Consequences of stroke, arthritis and chronic pain—are there important similarities? <i>K. M. McPherson, P. Brander, W. J. Taylor and H. K. McNaughton</i>	988
The personal experience of carers of stroke survivors: an interpretative phenomenological analysis <i>D. Hunt and J. A. Smith</i>	1000

RESEARCH PAPERS

- Agricultural workers' return to work following spinal cord injury: a comparison with other industry workers** 1013
A. E. Young, R. Strasser and G. C. Murphy

- Descriptions of functioning and health and relations to a gross motor classification in adults with cerebral palsy** 1023
K. Sandström, J. Alinder and B. Öberg

- A qualitative enquiry of caregivers of adolescents with severe disabilities in Guatemala City** 1032
C. L. Saetermoe, J. Gómez, M. Bámaca and C. Gallardo

ASSISTIVE TECHNOLOGY

- The role of video technology in on-line lectures for the deaf** 1048
M. Debevc and Ž. Peljhan

CLINICAL COMMENTARY

- The use of the ICF to describe work related factors influencing the health of employees** 1060
Y. Heerkens, J. Engels, C. Kuiper, J. Van der Gulden and R. Oostendorp

RESEARCH PAPERS

- The bereavement model, stroke and rehabilitation: a critical analysis of the use of a psychological model in professional practice** 1067
A. Alaszewski, H. Alaszewski and J. Potter

- Disqualified for disability pension – a case/referent study** 1079
B. A.-M. Ydreborg and K. Ekberg

- Development and validation of AIMFREE: Accessibility Instruments Measuring Fitness and Recreation Environments** 1087
J. H. Rimmer, B. Riley, E. Wang and A. Rauworth

- Quality assessment in rehabilitation centres: the indicator system 'Quality Profile'** 1096
E. Farin, P. Follert, N. Gerdes, W. H. Jäckel and J. Thalau

ASSISTIVE TECHNOLOGY

- Infrared-based communication augmentation system for people with multiple disabilities** 1105
S.-C. Chen, F.-T. Tang, Y.-L. Chen, W.-L. Chen, Y.-C. Li, Y.-Y. Shih, J.-S. Lai and T.-S. Kuo

REHABILITATION IN PRACTICE

- Retrieving physiotherapy patient records in selected health care facilities in South Africa – is record keeping compromised?** 1110
V. R. P. M'kumbuzi, S. L. Amosun and A. V. Stewart

RESEARCH PAPERS

- Strength training can be enjoyable and beneficial for adults with cerebral palsy** 1121
J. Allen, K. J. Dodd, N. F. Taylor, H. McBurney and H. Larkin

Adults with cerebral palsy benefit from participating in a strength training programme at a community gymnasium <i>N. F. Taylor, K. J. Dodd and H. Larkin</i>	1128
Psychometric validation of a subjective well-being measure for people with spinal cord injuries <i>M. H. Chapin, S. M. Miller, J. M. Ferrin, F. Chan and S. E. Rubin</i>	1135
Impact of injury level and self-monitoring on free time boredom of people with spinal cord injury <i>Y. Lee and R. Mittelstaedt</i>	1143
Wheelchair accessibility of public buildings in Al Ain, United Arab Emirates (UAE) <i>D. Rivano-Fischer</i>	1150
ASSISTIVE TECHNOLOGY	
A special pool project for rehabilitation of hip and knee arthroprosthesis <i>S. Giaquinto, F. Margutti and F. Romano</i>	1158
REHABILITATION IN PRACTICE	
The influence of severe malnutrition on rehabilitation in patients with severe head injury <i>Z. Dénes</i>	1163
CLINICAL COMMENTARY	
Designing effective written health education materials: Considerations for health professionals <i>T. Hoffmann and L. Worrall</i>	1166
NUMBER 20 21 OCTOBER 2004	
REVIEW	
Toward a cognitive-affective model of goal-setting in rehabilitation: is self-regulation theory a key step? <i>R. J. Siegert, K. M. McPherson and W. J. Taylor</i>	1175
RESEARCH PAPERS	
The development of the Stroke Physiotherapy Intervention Recording Tool (SPIRIT) <i>S. F. Tyson and A. Selley</i>	1184
Functional outcome in patients with critical illness polyneuropathy <i>M. van der Schaaf, A. Beelen and R. de Vos</i>	1189
Characteristics of physiotherapy sessions from the patient's and therapist's perspective <i>A. Wohlin Wottrich, C. H. Stenström, M. Engardt, K. Tham and L. von Koch</i>	1198
Is social participation associated with quality of life of older adults with physical disabilities? <i>M. Levasseur, J. Desrosiers and L. Noreau</i>	1206
Effects of counsellor race on racial stereotypes of rehabilitation counselling clients <i>D. A. Rosenthal, D. Wong, K. Moore Blalock and D. A. Delambo</i>	1214
REHABILITATION IN PRACTICE	
Classification of childhood hearing impairment: implications for rehabilitation in developing countries <i>B. O. Ohusanya</i>	1221

SPECIAL ISSUE

Augmentative and Alternative Communication (AAC)

Edited by Jeff Sigafoos and Mark F. O'Reilly

EDITORIAL

Providing the means for communicative ends: introduction to the Special Issue on Augmentative and Alternative Communication (AAC)

J. Sigafoos and M. F. O'Reilly

1229

Augmentative and Alternative Communication (AAC) for adults with severe aphasia: where we stand and how we can go further

B. Jacobs, R. Drew, B. T. Ogletree and K. Pierce

1231

Evaluating parent use of functional communication training to replace and enhance prelinguistic behaviours in six children with developmental and physical disabilities

K. Tait, J. Sigafoos, G. Woodyatt, M. F. O'Reilly and G. E. Lancioni

1241

Conditional use of a request for assistance

J. Reichle and J. McComas

1255

Communicative functioning in individuals with Angelman syndrome: a comparative study

R. Didden, H. Korzilius, P. Duker and L. M. G. Curfs

1263

Facilitating communication in children with multiple disabilities: three case studies of girls with Rett syndrome

D. Ryan, F. McGregor, M. Akermanis, K. Southwell, M. Ramke and G. Woodyatt

1268

Effects of synthetic speech output in the learning of graphic symbols of varied iconicity

R. K. Koul and R. W. Schlosser

1278

Evaluating a computer system used as a microswitch for word utterances of persons with multiple disabilities

G. E. Lancioni, N. N. Singh, M. F. O'Reilly, J. Sigafoos, D. Oliva and G. Montironi

1286

Enabling a person with multiple disabilities and minimal motor behaviour to control environmental stimulation with chin movements

G. E. Lancioni, M. F. O'Reilly, J. Sigafoos, N. N. Singh, D. Oliva and G. Basili

1291

Effects of phonemic awareness instruction on the encoding skills of children with severe speech impairment

D. M. Blischak, S. D. Shah, L. J. Lombardino and K. Chiarella

1295

AAC and literacy

O. E. Hettroni

1305

Parent-child interaction: a comparison of parents' perceptions in three groups

J. Wikder, C. Axelsson and M. Granlund

1313

CASE STUDIES

Research directions in augmentative and alternative communication for preschool children

R. A. Sevcik, M. A. Ronski and L. B. Adamson

1323

Transferring AAC intervention to the home

J. Sigafoos, M. F. O'Reilly, S. Seely-York, J. Weru, S. H. Son, V. A. Green and G. E. Lancioni

1330

Acquisition of graphic communication by a young girl without comprehension of spoken language

S. von Tetzchner, K. D. Øvreeide, K. K. Jorgensen, B. M. Ormhaug, B. Oxholm and R. Warne

1335

RESEARCH PAPERS

- Can the aspiration detected by videofluoroscopic swallowing studies predict long-term survival in stroke patients with dysphagia?** 1347
S.-Y. Chen, W.-C. Chie, Yi-N. Lin, Y.-C. Chang, T.-G. Wang and I-N. Lien
- An evaluation of quality of life of mothers of children with cerebral palsy** 1354
L. Eker and E. Handan Tüzün
- Falling in Parkinson's disease: the impact on informal caregivers** 1360
C. Davey, R. Wiles, A. Ashburn and C. Murphy
- Whiplash injuries in Finland—the possibility of some sociodemographic and psychosocial factors to predict the outcome after one year** 1367
T. Miettinen, O. Airaksinen, K.-A. Lindgren and E. Leino
- A qualitative study of the consequences of 'hidden dysfunctions' one year after a mild stroke in persons < 75 years** 1373
G. E. Carlsson, A. Möller and C. Blomstrand
- Cognitive impairment after transurethral resection of the prostate (TURP)** 1381
H. E. Bennett, M. Bishop, T. D. Zadik and N. B. Lincoln
- Living with a chronic deteriorating disease: the trajectory with muscular dystrophy over ten years** 1388
K. Boström and G. Ahlström
- BOOK REVIEW**
- Disabling Barriers, Enabling Environments** 1399
A. M. O. Bakheit

NUMBER 24 16 DECEMBER

RESEARCH PAPERS

- The nature of care giving in a community sample of people with multiple sclerosis** 1401
L. O'Hara, L. De Souza and L. Ide
- Client-centred rehabilitation: client perspectives** 1411
C. A. Cott
- Use of assistive devices in daily activities among 85-year-olds living at home focusing especially on the visually impaired** 1423
S. Dahlin-Ivanoff and U. Sonn

CASE STUDY

- A new treatment programme to improve balance in elderly people—an evaluation of an individually tailored home-based exercise programme in five elderly women with a feeling of unsteadiness** 1431
S. Jansson and A. Söderlund

ANNOUNCEMENT

- XXXIII Annual National Conference, Indian Association of Physical Medicine and Rehabilitation (IAPMRCON 2005)** 1444
- Contents of Volume 26 and Author Index, 2004** 1445

